Fig. 1

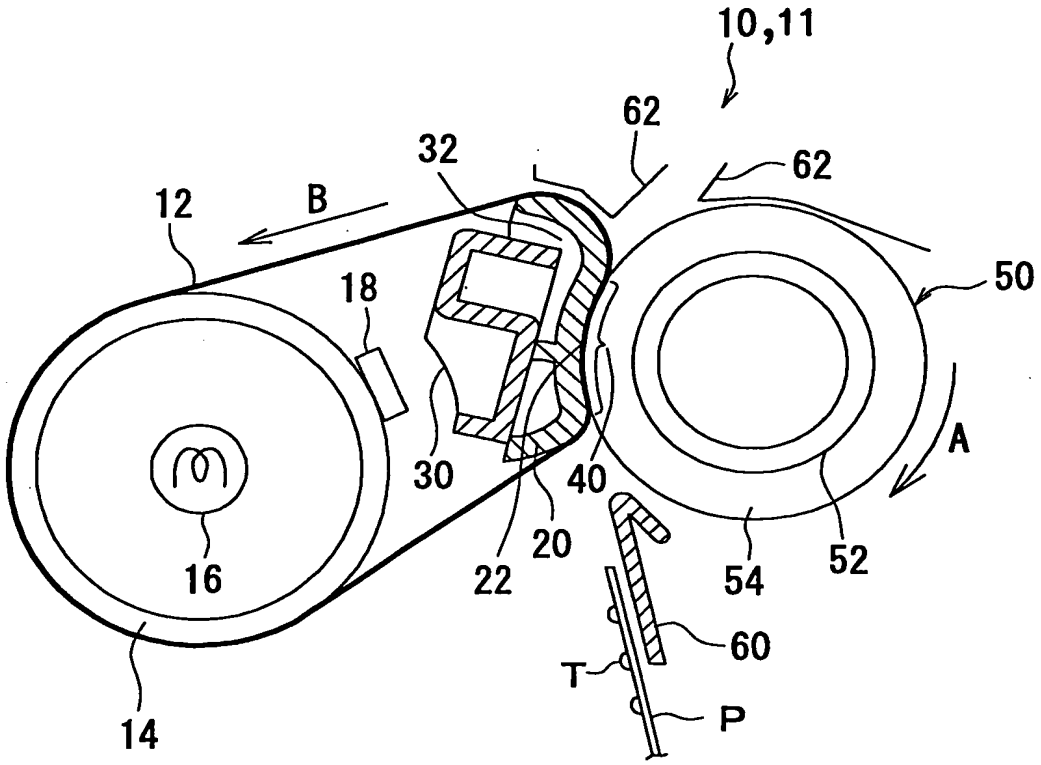

Fig. 2

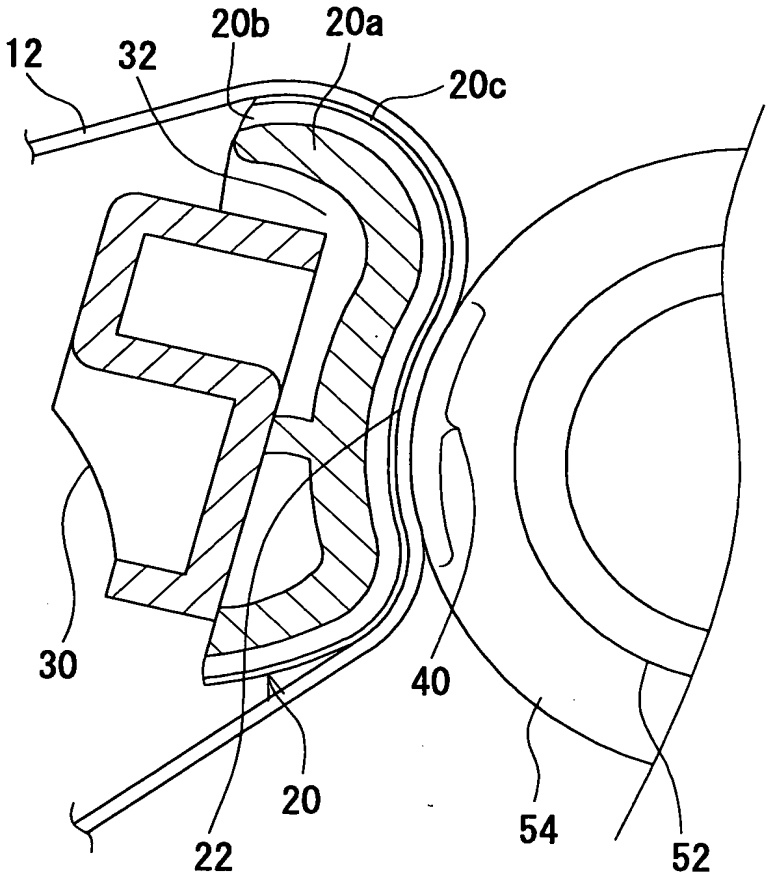

Fig.3

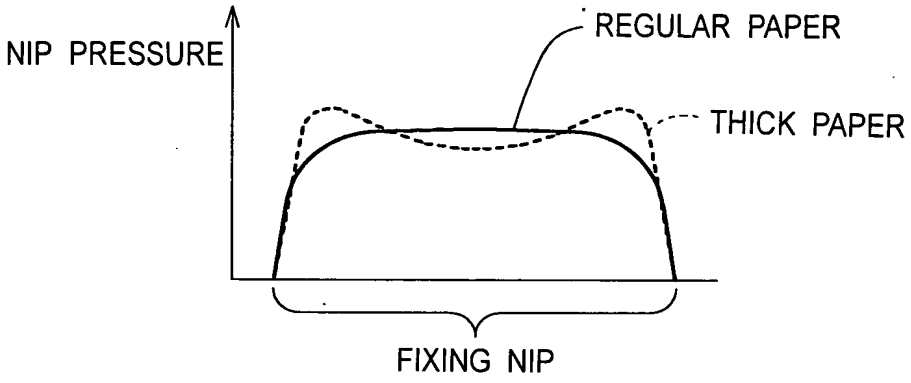

Fig.4

ELASTIC LAYER THICKNESS (mm)	0.1	0.3	0.5	0.7	1.0	1.5
IMAGE NOISE	×	○	○	○	○	○

Fig.5

ELASTIC LAYER THICKNESS (mm)	0.5	1.0	1.5	2.0	2.5	3.0
DURABILITY	○	○	○	○	×	×

Fig.6

LOW-FRICTION LAYER THICKNESS (μm)	2	5	10	20
TORQUE INCREASE (Nm)	0.45	0.1	0.05	0.05

Fig.7

LOW-FRICTION LAYER THICKNESS (mm)	0.1	0.2	0.3	0.4
IMAGE NOISE	○	○	○	×

Fig.8

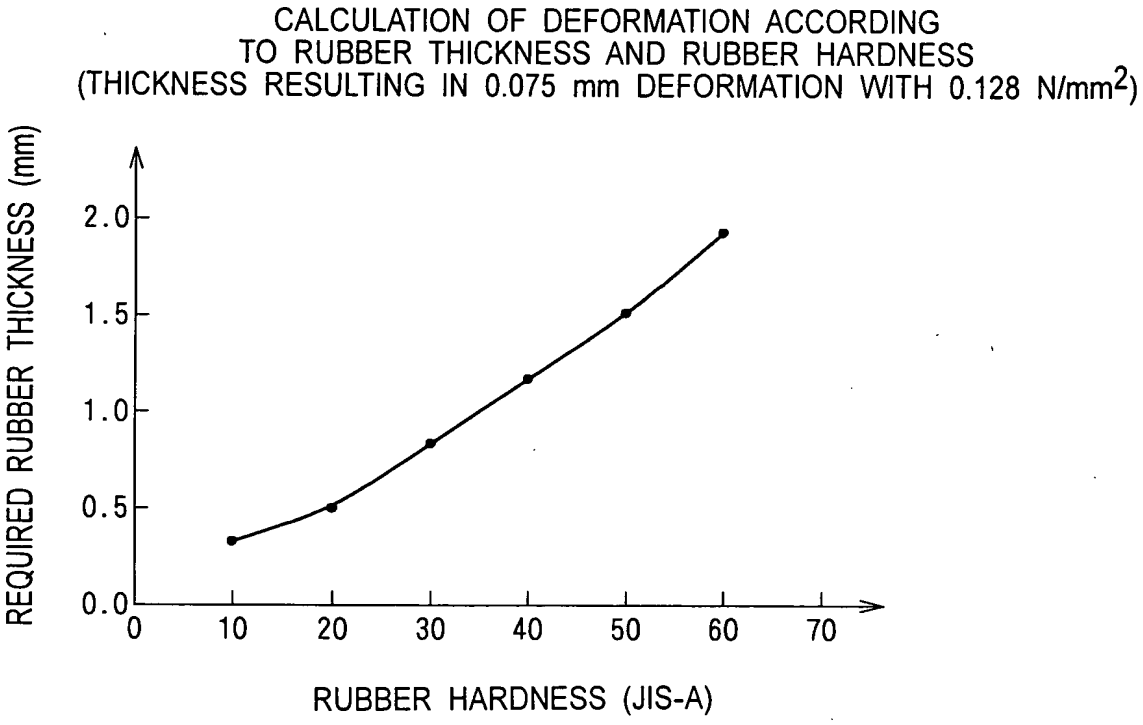
CALCULATION OF DEFORMATION ACCORDING
TO RUBBER THICKNESS AND RUBBER HARDNESS
(THICKNESS RESULTING IN 0.075 mm DEFORMATION WITH 0.128 N/mm2)
REQUIRED RUBBER THICKNESS (mm)
2.0
1.5
1.0
0.5
0.0
0
10
20
30
40
50
60
70
RUBBER HARDNESS (JIS-A)

Fig.9

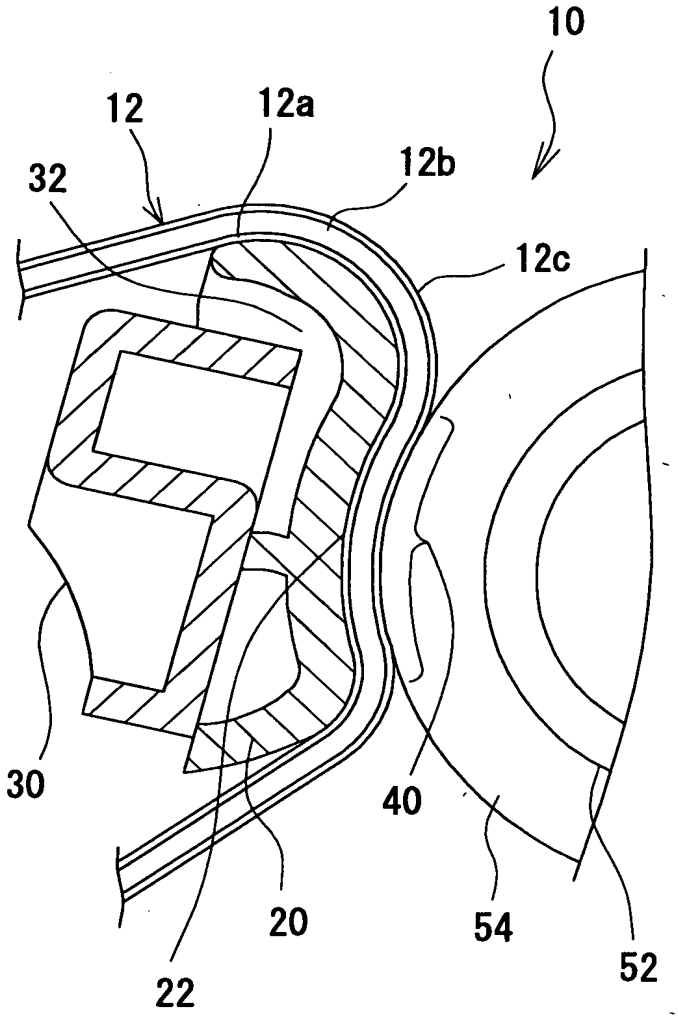

Fig.10

ELASTIC LAYER THICKNESS (mm)	0.1	0.2	0.3	0.5	0.8	1.0
IMAGE NOISE	×	×	○	○	○	○

Fig.11

ELASTIC LAYER THICKNESS (mm)	0.3	0.5	0.8	1.0	1.2	1.5
DURABILITY	○	○	○	○	×	×

Fig.12 PRIOR ART